

**Bearing No. W 61701 R**

|                                   |              |
|-----------------------------------|--------------|
| D                                 | 18 mm        |
| d                                 | 12 mm        |
| B                                 | 4 mm         |
| C                                 | 0,8 mm       |
| D3                                | 19,5 mm      |
| Weight                            | 0,003 Kg     |
| Size (mm)                         | 12x18x4      |
| Width (mm)                        | 4            |
| Mass bearing                      | 0.0029 kg    |
| D <sub>3</sub>                    | 19.5 mm      |
| Limiting speed                    | 48000 r/min  |
| Bearing number                    | W 61701 R    |
| Reference speed                   | 75 000 r/min |
| r <sub>a</sub> max.               | 0.2 mm       |
| Bore Diameter (mm)                | 12           |
| d <sub>a</sub> min.               | 13.5 mm      |
| Outer Diameter (mm)               | 18           |
| r <sub>1,2</sub> min.             | 0.2 mm       |
| D <sub>1</sub> ?                  | 16.1 mm      |
| D <sub>2</sub> ?                  | 16.7 mm      |
| d <sub>1</sub> ?                  | 13.86 mm     |
| Fatigue load limit (Pu)           | 0,011        |
| Basic dynamic load rating C       | 0.527 kN     |
| Basic dynamic load rating (C)     | 0,527 kN     |
| Basic static load rating (C0)     | 0,265 kN     |
| Fatigue load limit P <sub>u</sub> | 0.011 kN     |
| Calculation factor k <sub>r</sub> | 0.015        |
| Calculation factor f <sub>0</sub> | 8.2          |

|                                   |          |
|-----------------------------------|----------|
| Basic static load rating<br>$C_0$ | 0.265 kN |
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